



TSMC-98-528BCB

September 12, 2003

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject:

Serial No. 10/602,337 06/24/03

Jhon-Jhy Liaw

A NEW REDUNDANCY STRUCTURE IN SELF-
ALIGNED CONTACT PROCESS

Grp. Art Unit: _____

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56. Copies of each document is included herewith.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on September 19, 2003.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

832 9/19/03

U.S. Patent 5,729,041 to Yoo et al., "Protective Film for Fuse Window Passivation for Semiconductor Integrated Circuit Applications," describes a structure and method of forming a fuse and fuse window having a protective layer formed over them. The protective layer is highly transmissive to intense laser light while it is protective of the fuse and the surrounding insulating layers.

U.S. Patent 4,651,409 to Ellsworth et al., "Method of Fabricating a High Density, Low Power, Merged Vertical Fuse/Bipolar Transistor," describes a fuse programmable read only memory (PROM). The fuse programmable PROM has a merged vertical fuse/bipolar transistor.

U.S. Patent 5,754,089 to Chen et al., "Fuse Structure and Method for Manufacturing It," describes a fuse structure in which a metallic frame is inserted between the interlayer dielectric insulation layers.

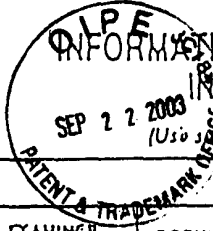
U.S. Patent 5,567,643 to Lee et al., "Method of Forming Contamination Guard Ring for Semiconductor Integrated Circuit Applications," describes a method for creating a guard ring around a fuse link.

Sincerely,

A handwritten signature in black ink, appearing to read 'SBA', with a stylized flourish at the end.

Stephen B. Ackerman,
Reg. No. 37761

Form PTO-1449



INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use separate sheets if necessary)

Docket Number (Sequence)

TSMC-98-5288CB

Application Number

10/602,337

Applicant

Jhon-Jhy Liaw

Filing Date

06/24/03

Drawn Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	ALSO DATE IF APPROPRIATE
	5729041	3/17/98	Yoo et al.	257	529	7/19/96
	4651409	3/24/87	Ellsworth et al.	29	576B	9/3/85
	5754089	5/19/98	Chen et al.	337	297	3/24/97
	5567643	10/22/96	Lee et al.	437	60	5/31/94

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.